

HME 46

Headsets | Communications Headsets

General Description

The HMD 46 is a very lightweight and comfortable open pilot's boomset. It is ideal for air traffic control. The headset is equipped with ActiveGard™, which protects controllers from the effects of an acoustic burst.



features

- Extremely lightweight
- Superb wearing comfort due to patented two-piece automatic headband and soft ear pads
- Flip-away headphone allows single-sided listening
- Flexible microphone boom, can be worn on either left or right-hand side
- Noise compensated condenser microphone ensures excellent speech transmission
- Single sided cable, length 1.85 m (6.07 ft), easy to exchange
- Also available with PTT
- ActiveGard™ safeguards the user from the effect of an acoustic burst
- Delivery includes: 1 HME 46
 - 1 cable clip
 - 1 wind and pop screen
 - 1 user manual

Product Variants

- | | |
|---|-----------------|
| ■ HME 46-3-6, Headset, cable with open ends | Cat. No. 500467 |
| ■ HME 46-3PTT-6, as HME 46-3-6, but with long life PTT integrated in the cable, open ends | Cat. No. 500468 |
| ■ HME 46-3PTT-L, as HME 46-3-6, but with Lemo connector 3S-310.CLA252A | Cat. No. 500469 |
| ■ HME 46-3, as HME 46-3-6, but without cable | Cat. No. 500857 |
| ■ Kabel -6, connection cable with open ends | Cat. No. 500836 |
| ■ Kabel -PTT-6, connection cable with PTT, open ends | Cat. No. 500844 |
| ■ Kabel -PTT-L, connection cable with PTT and Lemo connector 3S-310.CLA252A | Cat. No. 500836 |

Technical Data

Headphones

Transducer principle.....dynamic
 Ear coupling supra-aural, open
 Frequency response 20 – 14,000 Hz
 Characteristic SPL 98 dB ± 3 dB at 1 kHz, 1 mW;
 86 dB SPL (1 kHz, 1 V)
 Nominal impedance 300 Ω per side
 THD < 1 % at 95 dB SPL
 (300 – 3.000 Hz)
 Contact pressure appx. 3 N
 Weight (without cable) 150 g (5.92 oz)

Microphone

Transducer principle..... noise-compensated
 condenser mic capsule
 Frequency response 350 – 6,000 Hz
 Sensitivity (1 kHz) 400 mV at 114 dB SPL, 40 mV/Pa
 adjustable from 17 to 100 mV/Pa
 Min. terminating impedance 150 – 2,200 Ω
 Operating voltage..... 8 – 16 V DC

Connections

Connection cable..... 1.8 m (5.91 ft) round cable,
 single-sided, open-ended

Replacement Parts

- | | |
|-------------------------------------|-----------------|
| ■ Ear pads (1 pair) | Cat. No. 515295 |
| ■ Ear pads (100 pieces) | Cat. No. 515296 |
| ■ Wind and pop screen (1 piece) | Cat. No. 515297 |
| ■ Wind and pop screen (100 pieces) | Cat. No. 515298 |
| ■ Additional headband pads (1 pair) | Cat. No. 515629 |
| ■ MZQ 2002-1 cable clip | Cat. No. 044740 |